

Westlake Elevate™ EF446 6.0% Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Excellent haze and gloss, excellent impact strength and very good heat sealability.Application/UsesHigh clarity packagingHigh impactFDA:
This material complies with FDA regulations in 21 CFR, section 177.1350. Kosher Compliant.All information provided by Westlake Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_Westlake-Elevate-EF446-60-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Vinyl Acetate Content	6.0 %	6.0 %	
Thickness	31.8 microns	1.25 mil	
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	770 %	770 %	ASTM D882
Dart Drop	7.48 g/micron	190 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	31.0 MPa	4500 psi	ASTM D882
Film Tensile Strength at Break, TD	27.6 MPa	4000 psi	ASTM D882
1% Secant Modulus, MD	131 MPa	19000 psi	ASTM D882
1% Secant Modulus, TD	110 MPa	16000 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003
Gloss	65 %	65 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 199 °C	360 - 390 °F	with BUR of 1.5:1 or higher
Blow-up Ratio (BUR)	2.5	2.5	

Descriptive Properties	Value	Comments
Process	Film	

Region Descriptive Properties	US & Canada Value	Bamberger Polymers Distribution Comments
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